Customer Care Solutions
DTX-3 Series Transceivers

Service Software

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General

To run the Service Software, a software protection device (PKD–1) has to be connected to the parallel port. TDF–4 box must connected to PC for flashing purposes.

Note: if this software is to be run on laptops, the power saving feature MUST be switched off.

Hardware requirements for Windows 98/NT

The recommended minimum hardware standard to run Service Software is any computer which has a Pentium processor, memory 8 MB and meets HW requirements recommended by Microsoft.

Software Environment of the Support Modules

The Service Software user interface is intended for the following environments: Microsoft Windows 3.11 (enhanced mode), Windows 95/98 and Windows NT. For those who are familiar with Windows environment this application will be easy to use. Detailed information about Windows and application usage can be found from the Microsoft Windows Users Guide.

As an ordinary Windows application, the main idea in the user interface is that selections are made with menus, push buttons and shortcut keys.

Selections can be done by using keyboard and/or mouse. There is always a status bar displayed at the bottom of the main window which contains information about current actions.

Installation

Mechanical Connections

Caution: Make sure that you have switched off the PC and the printer before making connections.

Caution: Do not connect the PKD–1 key to the serial port. You may damage your PKD–1 !

Please refer to *service setup* in this chapter for information regarding different flash set-ups.

Attach the dongle PKD–1 to the parallel port 1 (25–pin female D–connector) of the PC.

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When connecting PKD–1 to the parallel port, be sure that you insert the computer side of the PKD–1 to the PC (male side). If you use a printer on parallel port 1, install the PKD–1 between the PC and your printer cable.

The PKD–1 should not affect devices working with it. If some errors occur (errors in printing are possible) please try printing without the PKD–1. If printing is OK without the PKD–1 please contact your dealer. We will offer you a new PKD–1 in exchange for your old one.

Installing the Service Software on PC Hard Disk

The program is delivered on a diskette and is copy protected with a PKD–1 dongle. It must be present in parallel port when using Service Software.

The program must be installed on the hard disk before use.

Keep the original diskette safe to enable upgrading of the program !

Flash Prommer (FPS-4)

Installation instructions can be found at the following intranet address:-

http://www.nmp.nokia.com/sasw/projects/prommer/manual/manual.htm

First time installation of WinTesla:

Do the following to make a complete WinTesla installation with support for DTX-3:

Insert the WinTesla software diskette into the floppy drive on your computer (i.e. Drive A:)

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For Windows 3.1 and 3.11:

Start Windows, type *win <Enter>*

Open the File manager, open Main window and start File manager.

Select the floppy drive and:

Start installation, double–click the *wt_inst.exe* file.

Follow the instructions on the screen. Write down the directory where WinTesla is installed on your hard disk.

When installation has finished remove the WinTesla software disk from your floppy drive.

Insert the Dongle driver diskette into your floppy drive.

Select the floppy drive and:

Start installation, double–click the *dk2wn16.exe* file.

Follow the instructions on the screen.

When installation has finished remove the dongle driver software disk

from your floppy drive.

Continue with the support modules installation.

For Windows 98 and NT:

Open Microsoft Explorer, Select *Start –Programs – Explorer*

Select the floppy drive and:

Start installation, double–click the *wt_inst.exe* file.

Follow the instructions on the screen. Write down the directory where WinTesla is installed on your hard disk.

When installation has finished remove the WinTesla software disk from your floppy drive.

Insert the Dongle driver diskette into your floppy drive.

Select the floppy drive and:

Start installation, double–click the *dk2wn32.exe* file.

Follow the instructions on the screen.

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When installation has finished remove the dongle driver software disk from your floppy drive.

Continue with the support modules installation.

Installation of DTX-3 support modules (WinTesla already installed):

To install the new Service Software Program, follow the steps below:

Insert the new Service software diskette into the floppy drive on of your computer (i.e. Drive A:)

CCS homepage

Service Software can also be downloaded from the following address:

http://calns01net.europe.nokia.com/nmp/rd/pams/softrel.nsf/sr2

For Windows 98 and NT:

Open Microsoft Explorer, select *Start –Programs– Explorer*

Select the floppy drive.

Start installation, double–click the *asinstall.exe* file.

Follow the instructions on the screen.

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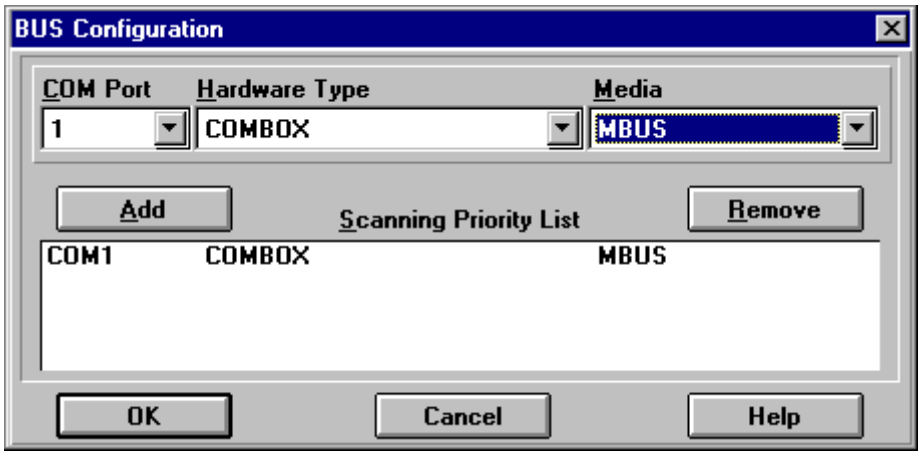
Flash Instructions for DTX-3

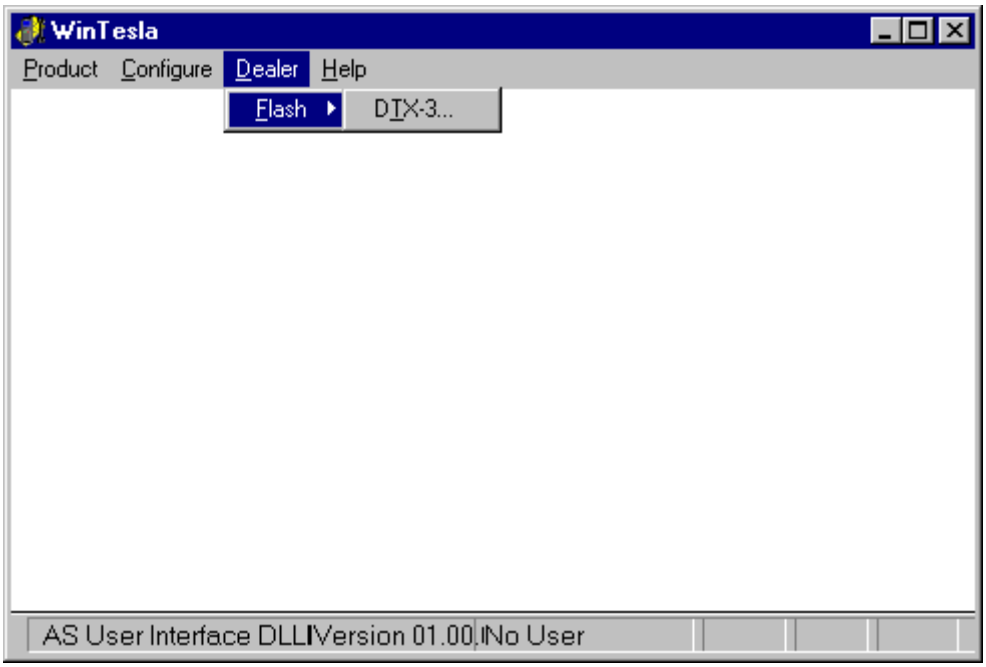
The Nokia 32 PBX Connectivity application module is flashed in the following way:

1 For flashing the DTX-3 application module, the Bus configuration must be changed to COMBOX. Select Configure -> Buses.



2 Select Product -> Product Open -> DTX-3. Select Yes to open the Flash Menu and select Dealer -> Flash -> DTX-3.

Flash Menu Selection
Did not find a phone in current connection!
Select YES to open flash only menu or NO to try next connection, if any.
Connection parameters are
COMBOX with bus M2BUS in port 1
Yes
No



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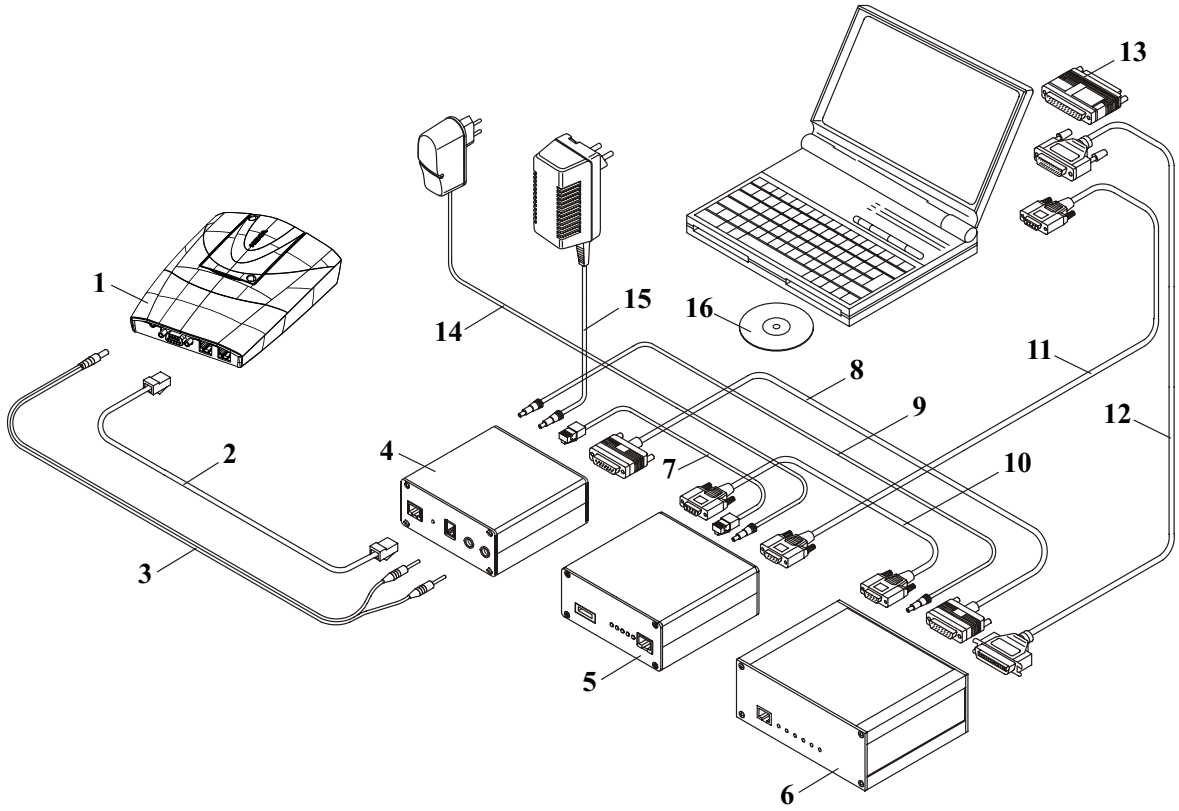
Flash Concept for DTX-3

Note! DKT-6A Flash Cable is connected to trunk connector.



1	DTX-3	Application Module	0630596
2	DKT-6A	Flashing Cable	0730213
3	PCC-1B	DC Power Cable	0770050
4	FLA-7	Flash Loading Adapter	0770119
5	TDF-4	Flash Security Box	0770106
6	FPS-4	Flash Prommer	0750090
7	XMS-3	Service Cable	0730174
8	AXS-5	D15 - D15 Cable	0730091
9	SCF-7	DC Power Cable	0730141
10	AXS-4	D9 -D9 Cable	0730090
11	AXS-4	D9- D9 Cable	0730090
12		Printer Cable	0730029
13	PKD-1	Software Protection Key	O750018
14	ACH-6E	Charger	0675084
15	ACS-6E	Charger	0680016
16		Service SW for DTX-3 can be downloaded from:	
		http://www.nmp.nokia.com/nmp/ccsweb.nsf	
		(software selection)	

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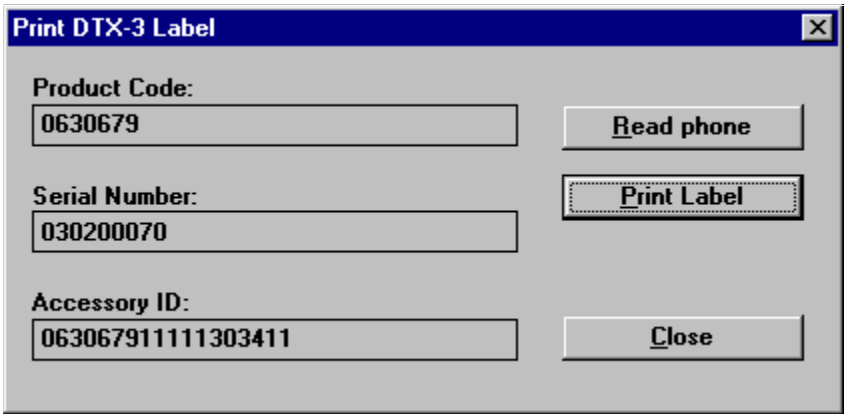
Label printing

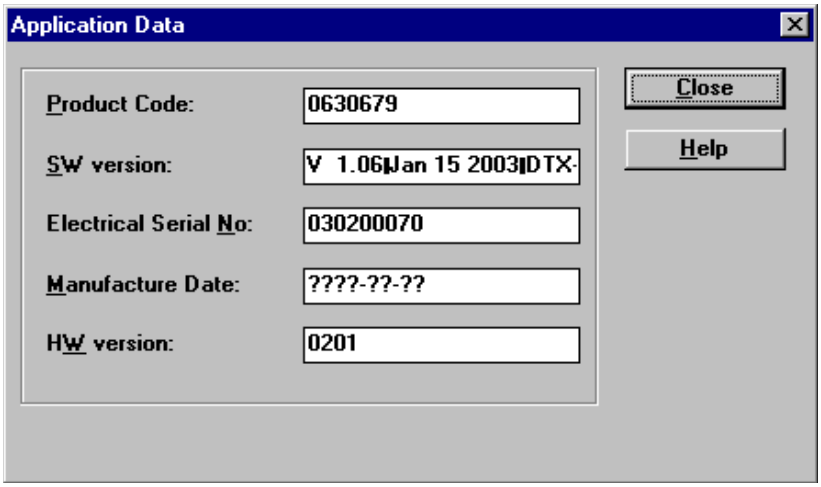
The label printing function is like N22 label printing function, but it contains only the application module label. GSM terminal labels are removed. With N32 it is possible to read the product codes directly from the application module. With N22 the product code is entered manually.

Choose Software -> Print Label



Identification

Choose Software -> Production Data



The information should be readable, not editable.

Product code

The product code is shown same way as in N22 service application.

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SW version

The SW version is shown same way as in N22 service application.

PSN

The electrical serial number can be read same way as in N22 service application.

Manufacture date

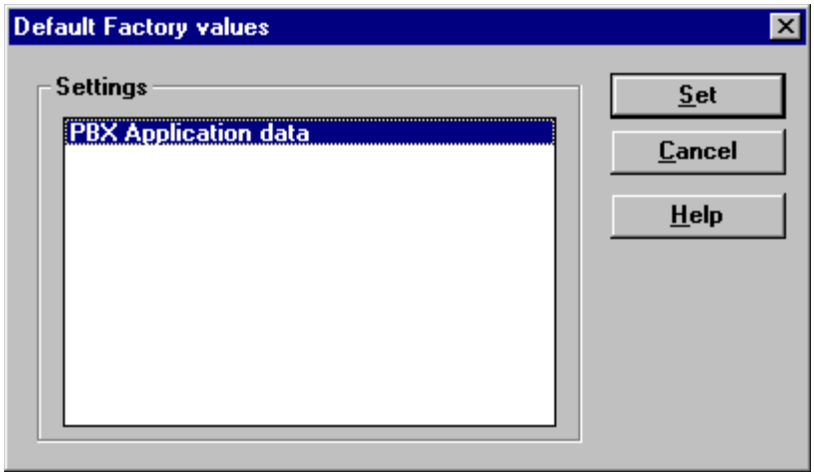
This information is set by manufacturing site. Date should be stated in format YYYY-MM-DD. It is essential for warranty period information.

HW version

The HW version is shown same way as in N22 service application.

Default factory values

Figure 1: Choose Software -> Set Factory Values



This command is used for re-setting factory values to the EEPROM of the Application Module.

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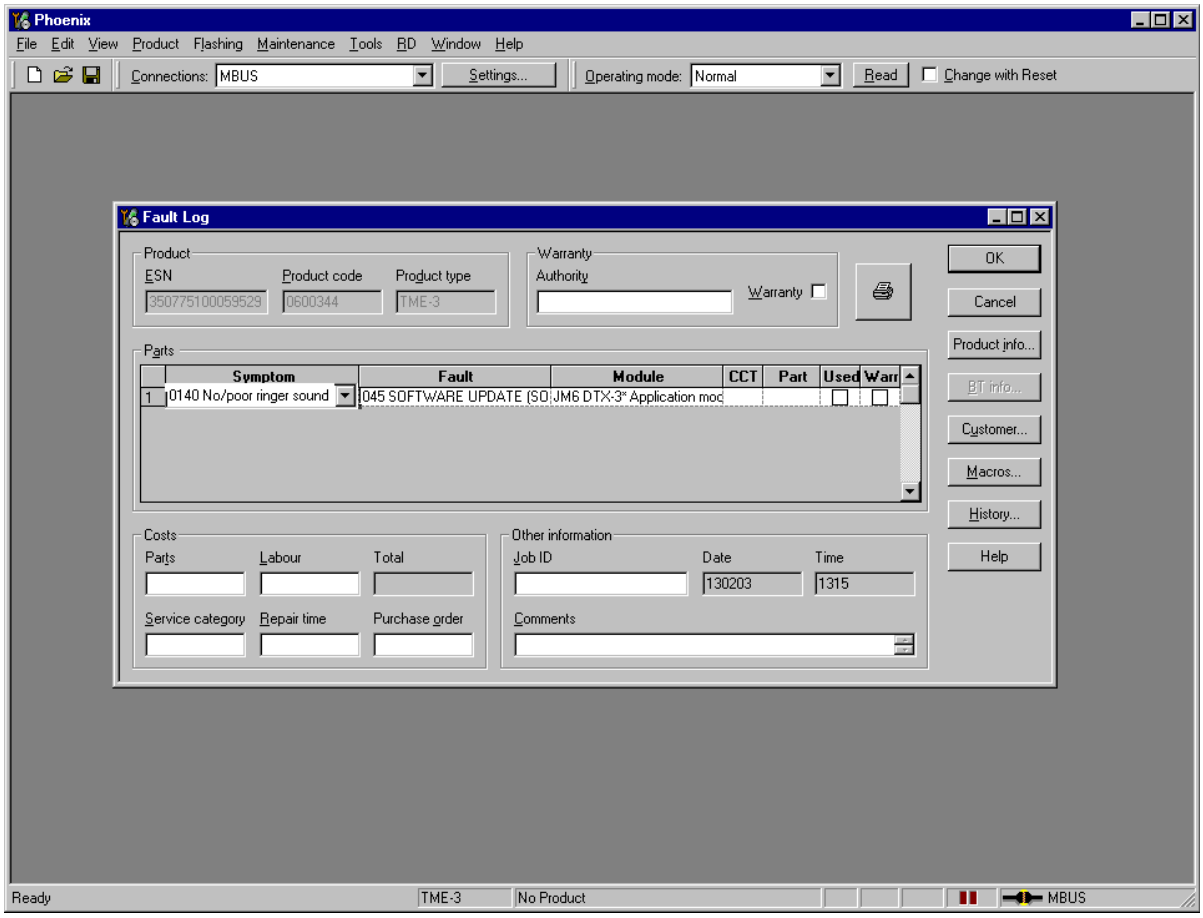
Fault logger

The N32 PBX Connectivity application module fault logger works in TME-3/4 Phoenix. New module "reason" is PBX Application Module DTX-3, needs to be added to TME-3/4 Phoenix.



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